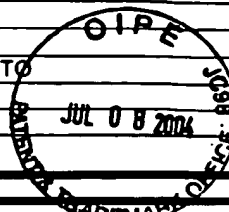


Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 040425-0153		SERIAL NO. Unassigned		
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				APPLICANT Mariko MATSUMOTO, et al.		FILING DATE January 23, 2002		
				GROUP ART UNIT Unassigned				
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
L.L.	A1	6,275,699	08/14/01	Ichihara	455	434		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
L.L.	A2	10-164658	06/19/98	Japan	—	—		Abstr.
	A3	10-229491	08/25/98	Japan	—	—		Abstr.
	A4	11-308289	11/05/99	Japan	—	—		Abstr.
	A5	10-242885	09/11/98	Japan	—	—		Abstr.
	A6	2000-124825	04/28/00	Japan	—	—		Abstr.
	A7	2000-049647	02/18/00	Japan	—	—		Abstr.
	A8	08-032507	02/02/96	Japan	—	—		Abstr.
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				
L.L.				06/05/05				
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Substitute for form 1449B/PTO				Complete If Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: July 8, 2004  (use as many sheets as necessary)				Application Number	10/052,777	
				Filing Date	01/23/2002	
				First Named Inventor	Mariko MATSUMOTO	
				Group Art Unit	2685	
				Examiner Name	L. N. Le	
Attorney Docket Number	040425-0153					
Sheet	1	of	1			



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
LL	B1	EP	0 252 444	A2	SUMITOMO ELECTRIC INDUSTRIES LTD.	01-13-1988		
	B2	GB	494,734	A	BAKER & MURPHY RADIO LTD.	10-31-1938		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
LL	B3	W.C. LINDSEY et al., "A Survey of Digital Phase-Locked Loops," Proceedings of the IEEE, Vol. 69:4, April 1981, pp. 410-431.	

Examiner Signature	<i>Lan Le</i>	Date Considered	06/05/05
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